

1. When headers of the csv files do not match, it should return an error that the csv file is incomparable and exit the code after prompting user that they should insert 2 csv files with the same headers (tested by testing 2 files with completely different headers)
  - a. shaunneo: **does not** account for this error, will return the headers as an exception in the csv file
  - b. serkbos: **does not** account for this error, will return the headers as an exception in the csv file
2. When file does not exist, it should return an error that the file does not exist
  - a. shaunneo: **account** for the error using IOException
  - b. skerbos: **account** for error using own exception class
3. When inserting a malformed csv: (1) a csv file with all commas, (2) a csv file where the number of headers does not match the number of column of data it has, it should return an error and inform the user that the csv is malformed
  - a. shaunneo: **does not** account for this error, failed both types of csv files where it returns the whole file as the output exception
  - b. skerbos: **does not** account for this error, failed both types of csv files where it returns the whole file as the output exception
4. When inserting a csv file with an empty file name, it should return an error and prompt the user
  - a. shaunneo: **does not** account for this error, code runs as per normal
  - b. skerbos: **does not** account for this error, code runs as per normal
5. When sequence of columns of 2 csv file is swapped but still have the same header, the code should still be able run accordingly by recognising there is a swapped in columns and rearranging them to the same order
  - a. shaunneo: **does not** account for this error, will return the whole of the 2 csv files as differences
  - b. skerbos: **does not** account for this error, will return the whole of the 2 csv files as differences
6. Should reject files that are not of type csv, should prompt user to only insert file of type csv
  - a. shaunneo: **does not** account for this error, will have an invalid input file (unable to read)
  - b. skerbos: **does not** account for this error, will have an invalid input file (unable to read)

Note that the above white + blackbox tests are implemented both manually and automatically with fuzzing and unit tests.